

What is claimed is:

1. A heat dissipation device comprising:

a base; and

a plurality of individual fin plates arranged side by side on the base, each of the fin plates comprising a flange attached on the base, and a pair of tabs perpendicularly formed from a main body of the fin plate and being distal from the flange, each of the tabs defining a split in a middle thereof where the tab adjoins the main body, a tongue being coplanarly formed with the main body thereat and being surrounded on three sides by the split, each of the tabs defining a slot in a distal end thereof;

wherein the flanges of the fin plates are in alignment with each other, and the slots of each fin plate engagingly receive the tongues of an adjacent fin plate.

2. The heat dissipation device of claim 1, wherein a width of the flange of each fin plate is equal to a distance from the tongue to the slot at each of the tabs.
3. The heat dissipation device of claim 1, wherein the flange is disposed at a bottom edge of the fin plate, and the tabs are disposed at an opposite top edge of the fin plate.
4. The heat dissipation device of claim 1, wherein the flange is disposed at a bottom edge of the fin plate, and the tabs are disposed at opposite side edges of the fin plate.
5. The heat dissipation device of claim 1, wherein the flange is perpendicular to the main body of the fin plate.
6. The heat dissipation device of claim 1, wherein the flange and the tabs extended in a same direction from the main body of the fin plate.

7. The heat dissipation device of claim 1, wherein each of the fin plates is metallic, and the fin plates are formed by successively stamping a moving metal sheet.
8. A heat dissipation device comprising:
 - a base; and
 - a plurality of individual fins densely arranged side by side on the base with a space defined between every adjacent two fins, each of the fins comprising:
 - a planar main body extending in a longitudinal direction;
 - at least one tab angularly extending around one edge of the main body in a lateral direction;
 - an opening defined in the tab; and
 - a tongue extending from proximate said edge in a direction essentially perpendicular to said lateral direction, and essentially located in said opening; wherein
 - the tab includes a first section joined with the corresponding main body and structurally positioned in said space, and a second section extending from the first section and snugly received in the opening of the adjacent fin neighboring in said lateral direction.
9. The heat dissipation device of claim 8, wherein said second section further defines a slot to receive the tongue of said neighboring fin.
10. The heat dissipation device of claim 8, wherein said tongue extends in coplanar manner with the corresponding main body.
11. The heat dissipation device of claim 8, wherein said each of the fins comprises a flange attached on the base and far away from the corresponding tab.
12. The heat dissipation device of claim 11, wherein the flange complies with the

space.

13. The heat dissipation device of claim 8, wherein said direction is perpendicular to said longitudinal direction.

14. A heat dissipation device comprising:

a base; and

a plurality of individual fin plates arranged side by side on the base, at least one tab perpendicularly formed from a main body of the fin plate and defining a split in a middle thereof where the tab adjoins the main body, a tongue being coplanarly formed with the main body thereat and being surrounded on three sides by the split, each of the tabs defining a slot in a distal end thereof;

wherein the slot of each fin plate engagingly receives the corresponding tongue of an adjacent fin plate.

15. The heat dissipation device of claim 14, wherein a flange extends from an edge of the main body and is far away from the corresponding tab.

16. The heat dissipation device of claim 15, wherein said flange and said tab of each corresponding fin plate extend in a same lateral direction away from the corresponding fin plate.